Science Support for Adaptation and Mitigation

Two articles in EOS:

Dessai et al., 2009: *Do we need better Predictions to adapt to changing climate?*

Harrison and Stainforth, 2009: *Predicting Climate Change: Lessons from Reductionism, Emergence, and the Past*

Reductionism:

- Basic assumption: system can be described by a set of equations, and, if initial conditions are known, predicted.
- We first predict, then react/adapt